R6

BRUHAT BANGALORE MAHANAGARA PALIKE

Yelahanka Division

Comparitive Statement

Name of work : Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05

Estimate cost:- 70000000

Approved amount:- : 59313878/-

Agency: Sri SHANKARAPPA T K[MESPC Infra Projects Private Limited]

Tender premium: 2%

Sl. No.	Description	Unit	Qty as per Schedule-B			Total Qty as per Executed	Qty upto 125%			Qty above 125%			Total Amount as per Executed	Savings	Excess	Remarks
			Qty	Rate	Amount		QTY	Rate	Amount	QTY	Rate	Amount				
1	Removing and Resetting of Footpath Slab and pointing in C.M (1:3) (Accroved Rate)	Sqm	206.51	263.72	54461.87	66.14	66.14	263.72	17443.10	0.00	263.72	0.00	17443.10	37018.77	0.00	As per s/l condition
2	Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, including removal and disposal of top organic soil not exceeding 150 mm in thicknessBy Mechanical Means using Motor Grader A In area of thorny jungle	Ha	0.10	164016.94	16401.69	0.00	0.00	164016.94	0.00	0.00	164016.94	0.00	0.00	16401.69	0.00	As per s/l condition
3	Cutting of Trees, excluding removal of stumps and roots of trees Girth from 300 mm to 600 mm	Each	20.00	526.32	10526.40	20.00	20.00	526.32	10526.40	0.00	526.32	0.00	10526.40	0.00	0.00	As per s/l condition
4	Cutting of Trees, excluding removal of stumps and roots of trees Girth from 600 mm to 900 mm	Each	15.00	840.54	12608.10	15.00	15.00	840.54	12608.10	0.00	840.54	0.00	12608.10	0.00	0.00	As per s/l condition
5	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such similiar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/KankariMoorum. (Tipper 5.5 m3)	Cum	2358.68	341.15	804663.68	1923.23	1923.23	341.15	656110.92	0.00	341.15	0.00	656110.92	148552.76	0.00	As per s/l condition
6	Providing And Filing In Foundation With Granite/Trap Broken Metal 100mm And Down Size With Approved Sand Including Hand Packing, Ramming, Watering,Including Cost Of All Materials And Labour With All Lead And Lift Complete As Per Specification No	Cum	180.00	2874.01	517321.80	243.26	225.00	2874.01	646852.25	18.26	2874.01	52490.92	699343.17	0.00	181821.37	As per s/l condition
7	Providing and laying in position plain cement concrete for levelling course for all works in foundation .The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates	Cum	479.50	6232.81	2988632.40	557.74	557.74	6232.81	3476289.01	0.00	6232.81	0.00	3476289.01	0.00	487656.61	As per s/l condition
8	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications	Tn	81.06	103435.02	8384442.72	79.50	79.50	103435.02	8222620.93	0.00	103435.02	0.00	8222620.93	161821.79	0.00	As per s/l condition

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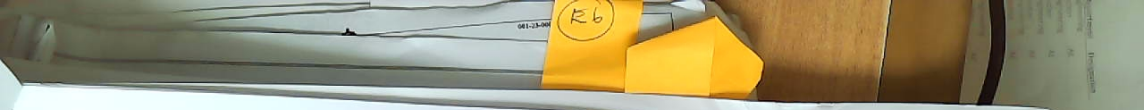
			Qty	Rate	Amount		QTY	Rate	Amount	QTY	Rate	Amount				
9	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	Cum	912.05	9041.50	8246300.08	813.20	813.20	9041.50	7352589.44	0.00	9041.50	0.00	7352589.44	893710.64	0.00	As per s condit
10	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle	Cum	171.28	7032.28	1204501.22	148.77	148.77	7032.28	1046160.65	0.00	7032.28	0.00	1046160.65	158340.57	0.00	As per s condit
11	Providing weep holes in Brick masonry/Plain/ Reinforced concrete abutment, wing wall/ return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V in 20H towards drawing face. Complete as per drawing and Technical Specifications.	M	60.00	193.02	11581.20	0.00	0.00	193.02	0.00	0.00	193.02	0.00	0.00	11581.20	0.00	As per s condit
12	Providing and laying of Filter media with granular materials/ stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MoRTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall as per the details required and as	Cum	5.40	1240.05	6696.27	0.00	0.00	1240.05	0.00	0.00	1240.05	0.00	0.00	6696.27	0.00	As per s condit
13	Providing and fixing precast reinforced cement concrete covering slabs of 10Cm thick made of M20 with OPC cement,with 20mm and down size graded granite metal coarse aggregate @0.70 mixed, Including providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work	Sqm	868.42	2113.85	1835709.62	587.28	587.28	2113.85	1241421.83	0.00	2113.85	0.00	1241421.83	594287.79	0.00	As per s condit
14	Providing and fixing precast reinforced cement concrete covering slabs of 15Cm thick made of M20 with OPC cement,with 20mm and down size graded granite metal coarse aggregate @0.70 mixed, Including providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work	Sqm	750.00	2613.75	1960312.50	868.41	868.41	2613.75	2269808.64	0.00	2613.75	0.00	2269808.64	0.00	309494.14	As per condit
15	Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer-in-charge (Data Rate)	Sqm	178.56	5138.75	917575.20	134.91	134.91	5138.75	693268.76	0.00	5138.75	0.00	693268.76	224306.44	0.00	As pe cons



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			Qty	Rate	Amount		QTY	Rate	Amount	QTY	Rate	Amount				
16	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge. (Made of G.I. wire of dia 4 mm)	Sqm	750.00	758.62	568965.00	1013.60	937.50	758.62	711206.25	76.10	758.62	57730.98	768937.23	0.00	199972.23	As per site condition
17	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge. (Made of G.I. wire of dia. 4 mm, PVC coated to achieve outer dia not less than 5 mm in required colour and shade)	Sqm	225.75	802.39	181139.54	0.00	0.00	802.39	0.00	0.00	802.39	0.00	0.00	181139.54	0.00	As per site condition
18	Providing and fixing Structural Steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.	Kgs	8698.85	114.47	995757.36	9615.65	9615.65	114.47	1100703.43	0.00	114.47	0.00	1100703.43	0.00	104946.07	As per site condition
19	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates07-2022	Cum	10.32	6428.08	66337.79	30.48	12.90	6428.08	82922.23	17.58	6428.08	113012.07	195934.31	0.00	129596.52	As per site condition
20	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, load and lift, transportation etc.complete as directed by the Engineer in Charge of the work (Approved Rate)	Nos	1147.00	517.24	593274.28	3388.00	1434.00	517.24	741722.16	1954.00	517.24	1010686.96	1752409.12	0.00	1159134.84	As per site condition
21	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces	Sqm	442.40	95.39	42200.54	533.51	533.51	95.39	50891.04	0.00	95.39	0.00	50891.04	0.00	8690.51	As per site condition
22	Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material by Mechanical Means using Hydraulic excavator with in all lifts and lead	Sqm	997.90	4.49	4480.67	0.00	0.00	4.49	0.00	0.00	4.49	0.00	0.00	4480.67	0.00	As per site condition
23	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other	Cum	6360.91	72.94	463964.96	8239.33	7951.14	72.94	579956.20	288.19	72.94	21020.68	600977.08	0.00	137012.12	As per site condition
24	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401	Cum	351.19	2633.85	924975.20	506.51	438.98	2633.85	1156219.00	67.53	2633.85	177864.48	1334083.48	0.00	409108.28	As per site condition

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25	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density	Cum	751.31	2686.59	2018458.57	759.77	759.77	2686.59	2041195.59	0.00	2686.59	0.00	2041195.59	0.00	22737.01	As per site condition
26	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means.	Sqm	8194.37	47.13	386200.66	3376.76	3376.76	47.13	159146.89	0.00	47.13	0.00	159146.89	227053.77	0.00	As per site condition
27	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom.	Sqm	8270.00	13.47	111396.90	8371.76	8371.76	13.47	112767.63	0.00	13.47	0.00	112767.63	0.00	1370.73	As per site condition
28	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects.	Cum	315.42	10255.97	3234922.67	315.37	315.37	10255.97	3234445.55	0.00	10255.97	0.00	3234445.55	477.12	0.00	As per site condition
29	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507	Cum	284.30	11907.88	3385374.56	334.87	334.87	11907.88	3987597.25	0.00	11907.88	0.00	3987597.25	0.00	602222.69	As per site condition
30	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes	Sqm	274.10	536.42	147032.72	287.06	287.06	536.42	153984.73	0.00	536.42	0.00	153984.73	0.00	6952.00	As per condition
31	Cost of Haulage Excluding Loading and Unloading Taking output 10 t/load and lead 10 km = 100 t.km	t.Km	11161.10	107.73	1202385.30	13008.09	13008.09	107.73	1401391.18	0.00	107.73	0.00	1401391.18	0.00	198975.88	As per condition
32	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead. Steel Work in all types of sections upto a height of	Cum	4.00	1717.00	6868.00	3.96	3.96	1717.00	6799.32	0.00	1717.00	0.00	6799.32	68.68	0.00	As per condition
33	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead. Prestressed / Reinforced cement concrete grade M-20 & above (V-III Page No:8, Item No:2.7C of PWD SR 2021-22)	Cum	66.49	2079.47	138268.12	66.49	66.49	2079.47	138268.12	0.00	2079.47	0.00	138268.12	0.00	0.00	As per condition
34	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with	Cum	68.72	559.99	38482.51	68.72	68.72	559.99	38482.51	0.00	559.99	0.00	38482.51	0.00	0.00	As per condition

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			Qty	Rate	Amount		QTY	Rate	Amount	QTY	Rate	Amount				
35	Earth work excavation for Foundation by mechanical means for all works & depth upto 3 m, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work Depth exceeding 1.5 m, but not exceeding 3 (V-I Page No.6, Item No.1.15.2 of PWD SR	Cum	646.56	359.11	232185.80	359.76	359.76	359.11	129194.31	0.00	359.11	0.00	129194.31	102991.49	0.00	As per c condit
36	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (V-I Page No.15, Item No.2.2.2.1 of PWD SR 2021-22) Issue Rate On 7-07-22 FOOTING	Cum	84.87	7246.53	615013.00	58.37	58.37	7246.53	422972.71	0.00	7246.53	0.00	422972.71	192040.29	0.00	As per c condit
37	Coloumn Up to Plinth	Cum	4.32	11406.58	49276.43	4.46	4.46	11406.58	50918.97	0.00	11406.58	0.00	50918.97	0.00	1642.55	As per condi
38	Plinth Beam	Cum	20.76	10064.63	208967.38	12.83	12.83	10064.63	129113.60	0.00	10064.63	0.00	129113.60	79853.78	0.00	As per condi
39	Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits with Chlorpyriphos 20% E.C. / Lindane 20% E.C @ 3.19 l/m2 including cost of chemical, diluting in water to one percent concentration, labour, usage charges of machinery, complete as per specifications.(V-II Page No.5, Item No.4.1 of PWD SR 2021-22)	Sqm	305.76	106.61	32597.07	251.16	251.16	106.61	26776.17	0.00	106.61	0.00	26776.17	5820.91	0.00	As p con
40	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6(1 cement :6 coarse sand) (V-II Page No.9, Item No.5.4 of PWD SR 2021-22)	Cum	343.02	6006.12	2060239.10	262.81	262.81	6006.12	1578483.29	0.00	6006.12	0.00	1578483.29	481775.81	0.00	As c
41	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m (V-I Page No.7, Item No.1.9 of PWD SR 2021-22)	Cum	465.87	228.93	106651.62	747.12	582.34	228.93	133314.52	164.79	228.93	37724.57	171039.10	0.00	64387.48	As c

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			Qty	Rate	Amount		QTY	Rate	Amount	QTY	Rate	Amount				
42	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.60 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately)M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (V-I Page No.17, Item No.2.5.1 of PWD SR 2021-22) FOR column	Cum	1.81	11793.66	21335.09	0.00	0.00	11793.66	0.00	0.00	11793.66	0.00	0.00	21335.09	0.00	As co
43	Roof Beam	Cum	3.62	11100.10	40193.46	0.00	0.00	11100.10	0.00	0.00	11100.10	0.00	0.00	40193.46	0.00	As p con
44	Slab	Cum	10.31	10406.35	107323.29	0.00	0.00	10406.35	0.00	0.00	10406.35	0.00	0.00	107323.29	0.00	As p con
45	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.60 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super	Cum	27.81	11801.49	328199.44	18.61	18.61	11801.49	219649.33	0.00	11801.49	0.00	219649.33	108550.11	0.00	As p con
46	Roof Beam	Cum	54.47	11107.28	605057.97	46.75	46.75	11107.28	519281.33	0.00	11107.28	0.00	519281.33	85776.64	0.00	As p con
47	Slab	Cum	79.31	10413.08	825824.93	74.73	74.73	10413.08	778179.62	0.00	10413.08	0.00	778179.62	47645.31	0.00	As p con
48	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members wherever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately) (V-II Page No.11.32, Item No.84 of PWD SR 2021-22) Issue Rate On 7-07-22	Kg	30881.48	107.73	3326861.30	24832.70	24832.70	107.73	2675226.77	0.00	107.73	0.00	2675226.77	651634.53	0.00	As p con
49	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1600kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (V-II Page No.17, Item No.6.32 of PWD SR 2021-22)	Sqm	1017.82	1342.18	1366092.95	247.74	247.74	1342.18	332511.67	0.00	1342.18	0.00	332511.67	1033581.28	0.00	As co
50	Providing Teak wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications.(V-II Page No.99, Item No.12.11 of PWD SR 2021-22)	Cum	1.11	264450.02	293936.20	0.00	0.00	264450.02	0.00	0.00	264450.02	0.00	0.00	293936.20	0.00	As co

Sl. No.	Description	Unit	Qty. as per Schedule-B			Total Qty as per Executed	Qty upto 125%			Qty above 125%			Total Amount as per Executed	Savings	Excess	Remarks
			Qty	Rate	Amount		QTY	Rate	Amount	QTY	Rate	Amount				
51	Providing and fixing in position fully panelled Teak wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures) (V-II Page No.99, Item No.9.33 of PWD SR 2021-22)	Sqm	23.52	10474.80	246367.30	0.00	0.00	10474.80	0.00	0.00	10474.80	0.00	0.00	246367.30	0.00	As per condi
52	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications.(V-II Page No.99, Item No.12.11 of PWD SR 2021-22)	Cum	1.01	101440.83	102861.00	1.07	1.07	101440.83	108795.29	0.00	101440.83	0.00	108795.29	0.00	5934.29	As pe cond
53	Fixing of door frame in an existing opening including embedding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debris with lead upto 50 m. including cost of materials, labour charges, complete as per specifications.(V-II Page No.105, Item No.12.51 of PWD SR 2021-22)	Nos	16.00	1666.50	26664.00	11.00	11.00	1666.50	18331.50	0.00	1666.50	0.00	18331.50	8332.50	0.00	As pe cond
54	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel windows by welding (V-II, Page No.85, Item No.11.34A of PWD SR 2021-22)	Kg	1506.12	164.97	248484.62	2593.44	1882.65	164.97	310580.77	710.79	162.72	115661.10	426241.87	0.00	177757.25	As p con
55	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge (V-II, Page No.41, Item No.9.2.1 of PWD SR 2021-22)	Sqm	1556.47	278.31	433181.17	1030.16	1030.16	278.31	286702.44	0.00	278.31	0.00	286702.44	146478.73	0.00	As co
56	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge (V-II, Page No.41, Item No.9.2.1 of PWD SR 2021-22)	Sqm	2724.73	335.54	914255.40	2362.98	2362.98	335.54	792874.64	0.00	335.54	0.00	792874.64	121380.76	0.00	A
57	Providing and laying flooring and steps fine machine polished granite stone slabs 20 mm thick on cement mortar bed 1:6, 20 mm thick, and joints finished with cement mortar 1:3 over existing cement concrete bed including cost of materials, mortar, labour, curing complete as per specifications.(V-II, Page No.64, Item No.9.30 of PWD SR 2021-22)	Sqm	484.37	2687.72	1248103.26	497.32	497.32	2687.72	1336656.91	0.00	2687.72	0.00	1336656.91	0.00	88553.65	
58	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.(V-II, Page No.64, Item No.8.51 of PWD SR 2021-22)	Sqm	1442.85	93.14	134387.28	1026.02	1026.02	93.14	95563.04	0.00	93.14	0.00	95563.04	38824.24	0.00	

Sl.	Description	Unit	Qty. as per Schedule-B			Total Qty as per Executed	Qty upto 125%			Qty above 125%			Total Amount as per Executed	Savings	Excess	Re
			Qty	Rate	Amount		QTY	Rate	Amount	QTY	Rate	Amount				
59	Providing and laying Ceramic glazed floor tiles of size 300x300 mm thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including pointing the joints with white cement and matching pigments etc., complete (V-II, Page No.60, Item No.9.11 of PWD SR 2021-22)	Sqm	8.97	855.13	7670.52	80.89	11.21	855.13	9588.15	69.68	855.13	59583.32	69171.47	0.00	81500.85	As p cond
60	Providing skirting, dadooing, rises of steps with white glazed tiles 8mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour,	Sqm	28.78	1093.04	31457.69	53.93	35.98	1093.04	39322.11	17.95	1093.04	19620.07	58942.18	0.00	27484.49	As pe condi
61	Providing and fixing flush door shutter made out of solid core block board type, well seasoned , chemically treated hard wood battens and internal frame with minimum 45 mm wide wooden frame around door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door useing liquid phenol formaldehyde resin as per IS specifications 2202 (part-I) 1991 from manufacturer complete as per specification. 30 mm thick both side commercial (V-II Page No.105, Item No.12.51 of PWD SR 2021-22)	Sqm	6.30	2960.42	18650.65	13.10	7.88	2960.42	23313.31	5.23	2960.42	15468.19	38781.50	0.00	20130.86	As per condi
62	Providing and fixing in position fully panelled Honne wood shutters for doors with stiles and rails of 40mm, thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications (excluding cost of fixtures) (V-II Page No.100, Item No.12.15 of PWD SR 2021-22)	Nos	11.91	5694.14	67800.12	16.86	14.88	5694.14	84750.18	1.98	5694.14	11253.04	96003.20	0.00	28203.08	As per condi
63	Providing & fixing of 2-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6 PHR with TPE (Thermo Plastic Elastomer) and lead free, gaskets -grey color having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 44mm width x 40mmheight with reinforcement of 1mm thickness and Sash with overall size of 27mm X 53mm with UPVC honeycomb structure inside in lieu of GI reinforcement. Coextruded Glazing bead for fixing of glass shall be of size 8.5mm x 21.5mm. Windows shall be provided with 5mm plain float glass, standard hardware& single point locking aystem with Crescent Locks. Wall thickness of frame & sash shall be of 2 mm.Maximum possible size – 1219mm x 1219mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) (V-II, Page No.110, Item No.12.64 of PWD SR 2021-22)	Sqm	80.36	4616.81	371006.85	65.08	65.08	4616.81	300461.99	0.00	4616.81	0.00	300461.99	70544.86	0.00	As per condi

Sr.	Description	Unit	Qty as per Schedule-B			Total Qty as per Executed	Qty upto 125%			Qty above 125%			Total Amount as per Executed	Savings	Excess	Remarks
			Qty	Rate	Amount		QTY	Rate	Amount	QTY	Rate	Amount				
64	Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of WC/Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6kg per m2 to achieve final DFT (dry film thickness) of 1mm including prime coat of epoxy primer @150 g per m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of construction joints completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer in charge.(V-II Page No.133, Item No.15.1 of PWD SR 2021-22)	Sqm	394.11	836.05	329495.67	374.31	374.31	836.05	312941.88	0.00	836.05	0.00	312941.88	16553.79	0.00	As per site condition
65	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade. Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.(V-II, Page No.44, Item No.8.21 of PWD SR 2021-22)	Sqm	1316.22	106.61	140535.17	2439.28	1847.77	106.61	175868.98	791.50	106.61	84382.25	260251.21	0.00	119716.05	As per site condition
66	Providing White washing with lime to give an even shade .New work (three coats) with lime of approved quality, including cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (V-II, Page No.44, Item No.8.21 of PWD SR 2021-22)	Sqm	2724.73	21.32	58091.21	2294.44	2294.44	21.32	48917.40	0.00	21.32	0.00	48917.48	9173.73	0.00	As per site condition
67	Finishing walls with Acrylic Smooth exterior paint of required shade .New work (Two coat applied @ 1.67 ltr/10 m² over and including priming coat of exterior primer applied @ 2.20 kg/10 m²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and [illegible] as per specifications and as per directions of Engineer-in-charge.(V-II, Page No.44, Item No.8.21 of PWD SR 2021-22)	Sqm	2724.73	152.62	415848.06	881.18	881.18	152.62	134485.69	0.00	152.62	0.00	134485.69	281362.37	0.00	As per site condition
68	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in- charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.(V-II, Page No.83, Item No.11.28 of [illegible]	kg	1400.00	561.11	785554.00	1704.00	1704.00	561.11	956131.44	0.00	561.11	0.00	956131.44	170577.44	0.00	As per site condition
69	Painting wood work with Deluxe Murli Surface Paint of required shade. Two coat applied @ 0.90 ltr/10 m² over an under coat of primer applied @0.75 ltr/10 m² of approved brand and manufacture to give an even shade including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, sand papering and knotting , cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (V-II, Page No.46, Item No.8.33.2 of PWD SR 2021-22)	Sqm	41.73	117.83	4916.69	47.04	47.04	117.83	5542.72	0.00	117.83	0.00	5542.72	625.73	0.00	As per site condition

Chief Engineer

Sl	Description	Unit	Qty. as per Schedule-B			Total Qty as per Executed	Qty upto 125%			Qty above 125%			Total Amount as per Executed	Savings	Excess	Remarks
			Qty	Rate	Amount		QTY	Rate	Amount	QTY	Rate	Amount				
70	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two coat applied @ 0.60 ltr/10 m² over an under coat of primer applied @ 0.60 ltr/10 m² of approved brand and manufacture including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, cost of materials, labour comp (V-II, Page No.47, Item No.8.33.3 of PWD SR 2021-22)	Sqm	60.92	118.96	7247.04	65.88	65.88	118.96	7837.08	0.00	118.96	0.00	7837.08	0.00	590.04	As per ssk committee
71	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement [illegible]	Sqm	10.80	3233.12	34917.70	0.00	0.00	3233.12	0.00	0.00	3233.12	0.00	0.00	34917.70	0.00	As per ssk committee
72	Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 (1 cement : 3 coarse sand) proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete. (V-II, Page No.72, Item No.10.18 of PWD SR 2021-22)	Sqm	212.65	3439.60	731439.54	96.85	96.85	3439.60	333125.26	0.00	3439.60	0.00	333125.26	398314.28	0.00	As per ssk committee
73	Providing and fixing chromium plated brass handles of 100/125 mm with necessary screws etc. Complete(V-II Page No.107, Item No.12.82 of PWD SR 2021-22)	Nos	32.00	196.39	6284.48	26.00	26.00	196.39	5106.14	0.00	196.39	0.00	5106.14	1178.34	0.00	As per ssk committee
74	Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc.125x65x2.12mm(V-II Page No.107, Item No.12.68.1 of PWD SR 2021-22)	Nos	59.00	42.64	2515.76	40.00	40.00	42.64	1705.60	0.00	42.64	0.00	1705.60	810.16	0.00	As per ssk committee
75	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. Complete 250x10mm (V-II Page No.109, Item No.12.78 of PWD SR 2021-22)	Nos	25.00	378.19	9454.75	26.00	26.00	378.19	9832.94	0.00	378.19	0.00	9832.94	378.19	0.00	As per ssk committee
76	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete including painting of fittings and brackets, cutting and	Nos	4.00	5616.71	22466.84	4.00	4.00	5616.71	22466.84	0.00	5616.71	0.00	22466.84	0.00	0.00	As per ssk committee
77	Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required Size 600x450x200 mm (V-II Page No.126, Item No.14.11.2 of PWD SR 2021-22)	Nos	4.00	5211.59	20846.36	7.00	5.00	5211.59	2607.95	2.00	5211.59	10423.18	30481.13	0.00	10034.77	As per ssk committee
78	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS: 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required Single half stall urinal with 5 litre P.V.C. automatic flushing cistern (V-II Page No.124, Item	Nos	4.00	7438.07	29752.28	2.00	2.00	7438.07	14876.14	0.00	7438.07	0.00	14876.14	14876.14	0.00	As per ssk committee

Sr.	Description	Unit	Qty as per Schedule-B			Total Qty as per Executed	Qty upto 125%			Qty above 125%			Total Amount as per Executed	Savings	Excess	Remarks
			Qty	Rate	Amount		QTY	Rate	Amount	QTY	Rate	Amount				
79	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in charge. Concealed work, including cutting chases and making good the walls etc. 20mm nominal dia pipes (V II Page No.124, Item No.13.32.2 of PWD SR 2021-22)	m	85.00	418.59	35580.15	84.00	84.00	418.59	35161.56	0.00	418.59	0.00	35161.56	418.59	0.00	As per site condition
80	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in charge. Concealed work, including cutting chases and making good the walls etc. 25mm nominal dia pipes (V II Page No.124, Item No.13.32.3 of PWD SR 2021-22)	m	55.00	534.18	29379.90	54.00	54.00	534.18	28845.72	0.00	534.18	0.00	28845.72	534.18	0.00	As per site condition
81	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in charge. Concealed work, including cutting chases and making good the walls etc. 32mm nominal dia pipes (V II Page No.124, Item No.13.32.4 of PWD SR 2021-22)	m	55.00	623.95	34317.25	24.00	24.00	623.95	14974.80	0.00	623.95	0.00	14974.80	18342.45	0.00	As per site condition
82	Supplying PVC ringtite pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading unloading at	M	162.00	401.96	65117.52	51.50	51.50	401.96	20700.94	0.00	401.96	0.00	20700.94	44416.58	0.00	As per site condition
83	Providing and fixing gun metal non- return valve of approved quality (screwed end)(V-II Page No.115, Item No.13.6.1.2 of PWD SR 2021-22)	Nos	6.00	620.59	3723.54	3.00	3.00	620.59	1861.77	0.00	620.59	0.00	1861.77	1861.77	0.00	As per site condition
84	Providing and fixing ball valve (brass) of approved quality, High or low pressure with plastic floats complete(V-II Page No.115, Item No.13.6.2 of PWD SR 2021-22)	Each	6.00	404.00	2424.00	5.00	5.00	404.00	2020.00	0.00	404.00	0.00	2020.00	404.00	0.00	As per site condition
85	Providing and fixing PTMT pillar cock of approved quality and colour 15 mm nominal bore, 125 mm long foam flow, weighing not less than 120 gms(V-II Page No.116, Item No.13.20.2 of PWD SR 2021-22)	Each	4.00	246.89	987.56	7.00	5.00	246.89	1234.45	2.00	246.89	493.78	1728.23	0.00	740.67	As per site condition
86	Bottle trap 38 mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the centre of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not less than 263 gms (V-II Page No.129, Item No.14.37.2 of PWD SR 2021-22)	Each	8.00	273.82	2190.56	5.00	5.00	273.82	1369.10	0.00	273.82	0.00	1369.10	821.46	0.00	As per site condition
87	Providing and fixing brass bib cock of approved quality 20 mm nominal bore (V-II Page No.129, Item No.13.3.2 of PWD SR 2021-22)	Nos	24.00	387.17	9292.08	10.00	10.00	387.17	3871.70	0.00	387.17	0.00	3871.70	5420.38	0.00	As per site condition
88	Providing and fixing brass stop cock of approved quality 20 mm nominal bore (V-II Page No.129, Item No.13.3.2 of PWD SR 2021-22)	Nos	8.00	387.17	3097.36	8.00	8.00	387.17	3097.36	0.00	387.17	0.00	3097.36	0.00	0.00	As per site condition

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			Qty	Rate	Amount		QTY	Rate	Amount	QTY	Rate	Amount				
89	Providing, laying & fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick conforming to IS 1237 bed of 12mm thick cement mortar 1:3 mix finished with flush pointing using white cement, including cost of materials, mortar,	Sqm	49.25	1278.21	62945.45	55.98	55.98	1278.21	71558.46	0.00	1278.21	0.00	71558.46	0.00	8613.01	As per site condition
90	Providing and fixing in position 12mm thick plaster of paris (Gypsum anhydrous) for ceiling reinforced with hessian cloth flat surface with ceiling tiles up to a height of 5 m above floor level over aluminium strips 25mm x 8mm and rendered smooth with plaster of paris including cost of materials, labour, curing complete as per specifications. (V-II, I.No 7.31 Page No 24, PWD SR 2021-22)	Sqm	223.13	1314.12	293213.03	273.10	273.10	1314.12	358884.20	0.00	1314.12	0.00	358884.20	0.00	65671.18	As per site condition
91	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 19/20mm dia 2mm thick conforming to IS 2509 with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipes ends should be covred using PVC end enclosures. run with 18SWG GI fish wire wherever necessary 19/20mm dia 2mm thick (Page No.1, Item No.1.2.1 of	m	170.00	62.23	10579.10	108.00	108.00	62.23	6720.84	0.00	62.23	0.00	6720.84	3858.26	0.00	As per site condition
92	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 25mm dia 2mm thick conforming to IS 2509 with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipes ends should be covred using PVC end enclosures. run with 18SWG GI fish wire wherever necessary a)25mm dia 2 mm thick (Page No.1, Item No.1.2.2 of	m	180.00	71.41	12853.80	108.00	108.00	71.41	7712.28	0.00	71.41	0.00	7712.28	5141.52	0.00	As per site condition
93	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 19/20mm dia 2mm metal/PVC junction boxes adhesive paste etc. By groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the surface of the brick level and run	m	160.00	76.52	12243.20	156.00	156.00	76.52	11937.12	0.00	76.52	0.00	11937.12	306.08	0.00	As per site condition
94	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 25mm dia 2 mm metal/PVC junction boxes adhesive paste etc. By groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary a)25mm dia 2 mm thick (Page No.1, Item No.1.3.2 of	m	160.00	81.62	13059.20	114.00	114.00	81.62	9304.68	0.00	81.62	0.00	9304.68	3754.52	0.00	As per site condition
95	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 32mm dia 2.5mm metal/PVC junction boxes adhesive paste etc. By groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary 32mm dia 2.5 mm thick (Page No.1, Item No.1.3.3 of	m	20.00	81.62	1632.40	26.00	26.00	81.62	2040.50	11.00	81.62	897.82	2938.32	0.00	1305.92	As per site condition
96	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multistrand Copper conductor single core cable in open or concealed system of wiring with specified IS-694:1990 & conforming to GTP of Group-A (Page No.3, Item No.2.3 of PWD Electrical SR 2021-22)1.00 Sqm	m	50.00	107.00	5350.00	0.00	0.00	107.00	0.00	0.00	107.00	0.00	0.00	5350.00	0.00	As per site condition
97	1.5 Sqm	m	840.00	26.53	22285.20	1300.00	1050.00	26.53	27856.50	250.00	26.53	6632.50	34489.00	0.00	12203.80	As per site condition

	Description	Unit	Qty as per Schedule-B			Total Qty as per Executed	Qty upto 125%			Qty above 125%			Total Amount as per Executed	Savings	Excess	Remarks
			Qty	Rate	Amount		QTY	Rate	Amount	QTY	Rate	Amount				
		m	400.00	40.81	16324.00	740.00	500.00	40.81	20405.00	240.00	40.81	9794.40	30199.40	0.00	13675.40	As per sa
	2.5 Sq/m	m	280.00	60.19	16853.20	680.00	350.00	60.19	21066.50	330.00	60.19	19862.70	40929.20	0.00	24076.00	As per sa
	4.0 Sq/m	m	280.00	160.17	44847.60	280.00	280.00	160.17	44847.60	0.00	160.17	0.00	44847.60	0.00	0.00	As per sa
100	10.0 Sq/m															
101	Point wiring using Copper wire without switch.Supplying and wiring adopting loop system in existing PVC Conduit/casing capping using 1100V Grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2x1.5 Sq.mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose lenght in a wood/PVC round block, complete for each outlet.(5/2.3) Using class A materials (Page No.3, Item No.2.2 of PWD Electrical SR 2021-22)Short point up to 3mtrs from tapping point to out let via switch (Page No.3, Item No.2.2.1 of PWD Electrical SR 2021-22)	Point	76.00	256.07	19461.32	66.00	66.00	256.07	16900.62	0.00	256.07	0.00	16900.62	2560.70	0.00	As per sa
102	Medium point a above 3mtr up to 6mtr from tapping point to out let via switch (Page No.3, Item No.2.2.2 of PWD Electrical SR 2021-22)	Point	76.00	368.29	27990.04	66.00	66.00	368.29	24307.14	0.00	368.29	0.00	24307.14	3682.90	0.00	As per sa
103	Long point a above 6mtr up to 10mtr from tapping point to out let via switch (Page No.3, Item No.2.2.3 of PWD Electrical SR 2021-22)	Point	52.00	552.95	28753.40	52.00	52.00	552.95	28753.40	0.00	552.95	0.00	28753.40	0.00	0.00	As per sa
104	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required	Each	10.00	533.00	5330.00	10.00	10.00	533.00	5330.00	0.00	533.00	0.00	5330.00	0.00	0.00	As per sa
105	6-32 Amps DP	Each	8.00	1125.00	9000.00	8.00	8.00	1125.00	9000.00	0.00	1125.00	0.00	9000.00	0.00	0.00	As per sa
106	40 Amps TPN	Each	6.00	2441.00	14646.00	6.00	6.00	2441.00	14646.00	0.00	2441.00	0.00	14646.00	0.00	0.00	As per sa
107	50-63 Amps SP	Each	6.00	748.00	4488.00	6.00	6.00	748.00	4488.00	0.00	748.00	0.00	4488.00	0.00	0.00	As per sa
108	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.III-Single Door Group A12Way SP &N (Page No.13, Item No.5.16.4 of PWD Electrical SR 2021-22)	Each	20.00	1623.00	32460.00	2.00	2.00	1623.00	3246.00	0.00	1623.00	0.00	3246.00	29214.00	0.00	As per sa
109	Supplying and fixing regular MCB distribution boards on wall/wood board/flush mounting using required clamps, bolts, nuts etc. with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with power coated painting etc., complete. Double door: 6 way TP &N , Group (A) (Page No.13, Item No.5.16.12 of PWD Electrical SR 2021-22)	Each	14.00	3810.00	53340.00	2.00	2.00	3810.00	7620.00	0.00	3810.00	0.00	7620.00	45720.00	0.00	As per sa
110	Supplying and fixing 32Amps security and energy saving DP switch with key tag suitable to operate on 230 Volts, 50Hz AC supply & completely wired on existing box. (Page No.6, Item No.3.7 of PWD Electrical SR 2021-22)	Each	22.00	762.00	16764.00	10.00	10.00	762.00	7620.00	0.00	762.00	0.00	7620.00	0.00	0.00	As per sa
111	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 1-3 Way (Page No.5, Item No.3.4.1 of PWD Electrical SR 2021-22)	Each	135.00	125.48	16939.80	13.00	13.00	125.48	1631.24	0.00	125.48	0.00	1631.24	15308.56	0.00	As per sa

Digital Workspace with ...

	Description	Unit	Qty as per Schedule-B			Total Qty as per Executed	Qty upto 125%			Qty above 125%			Total Amount as per Executed	Savings	Excess	Remarks
			Qty	Rate	Amount		QTY	Rate	Amount	QTY	Rate	Amount				
112	Supplying and fixing of 20/40 Watts heavy duty open construction Ferromagnetic copper ballast for fluorescent tubes Supplying and fixing of 20/40 Watts heavy duty open construction Ferromagnetic copper ballast for fluorescent tubes, Class H Insulated copper wire, Vacuum impregnated high quality with Low loss silicon steel lamination operated on 240V,50Hz supply with IEC 60920 (Safety) & IEC 60921(Performance). Operating voltage range from 180V to 265V, 50Hz AC power Supply (Page No.41, Item No.12.23 of PWD Electrical SR 2021-22)	Each	70.00	306.00	21420.00	34.00	34.00	306.00	10404.00	0.00	306.00	0.00	10404.00	11016.00	0.00	As per site condition
113	Supply and fixing metal fan box with round hook (Page No.2, Item No.1.12 of PWD Electrical SR 2021-22)	Nos	30.00	166.00	4980.00	20.00	20.00	166.00	3320.00	0.00	166.00	0.00	3320.00	1660.00	0.00	As per site condition
114	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 (Page No.5, Item No.3.6 of PWD Electrical SR 2021-22) 6Amps SP Switch	Each	100.00	89.60	8960.00	100.00	100.00	89.60	8960.00	0.00	89.60	0.00	8960.00	0.00	0.00	As per site condition
115	6Amps 3way 5 pin socket	Each	40.00	165.00	6600.00	36.00	36.00	165.00	5940.00	0.00	165.00	0.00	5940.00	660.00	0.00	As per site condition
116		Each	20.00	252.00	5040.00	16.00	16.00	252.00	4032.00	0.00	252.00	0.00	4032.00	1008.00	0.00	As per site condition
117	16Amps SP Switch	Each	20.00	381.00	7620.00	6.00	6.00	381.00	2286.00	0.00	381.00	0.00	2286.00	5334.00	0.00	As per site condition
118	32Amps Flush/projected types DP switch	Each	40.00	125.00	5000.00	0.00	0.00	125.00	0.00	0.00	125.00	0.00	0.00	5000.00	0.00	As per site condition
119	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall (Page No.5, Item No.3.4 of PWD Electrical SR 2021-221-	Each	40.00	140.00	5600.00	0.00	0.00	140.00	0.00	0.00	140.00	0.00	0.00	5600.00	0.00	As per site condition
120	4-5Way	Each	48.00	216.00	10368.00	8.00	8.00	216.00	1728.00	0.00	216.00	0.00	1728.00	8640.00	0.00	As per site condition
121	6Way	Each	48.00	255.00	12240.00	0.00	0.00	255.00	0.00	0.00	255.00	0.00	0.00	12240.00	0.00	As per site condition
122	8Way	Each	32.00	330.00	10560.00	20.00	20.00	330.00	6600.00	0.00	330.00	0.00	6600.00	3960.00	0.00	As per site condition
123	10-12Way	Each	8.00	360.00	2880.00	0.00	0.00	360.00	0.00	0.00	360.00	0.00	0.00	2880.00	0.00	As per site condition
124	16Way Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc. complete on the existing metal/PVC box. (Page No.5, Item No.3.5 of PWD Electrical SR 2021-22) 1 to 2 Module	Each	48.00	155.00	7440.00	13.00	13.00	155.00	2015.00	0.00	155.00	0.00	2015.00	5425.00	0.00	As per site condition
125	4Moudule	Each	48.00	178.00	8544.00	0.00	0.00	178.00	0.00	0.00	178.00	0.00	0.00	8544.00	0.00	As per site condition
126	6Moudule	Each	48.00	248.00	11904.00	8.00	8.00	248.00	1984.00	0.00	248.00	0.00	1984.00	9920.00	0.00	As per site condition
127	8Moudule	Each	52.00	307.00	15964.00	0.00	0.00	307.00	0.00	0.00	307.00	0.00	0.00	15964.00	0.00	As per site condition
128	10Moudule	Each	36.00	370.00	13320.00	3.00	3.00	370.00	1110.00	0.00	370.00	0.00	1110.00	12210.00	0.00	As per site condition
129	12Moudule	Each	11.00	410.00	4510.00	17.00	14.00	410.00	5740.00	3.00	411.00	1233.10	6973.10	2403.10	0.00	As per site condition

	Description	Unit	Qty as per Schedule-B			Total Qty as per Executed	Qty upto 125%			Qty above 125%			Total Amount as per Executed	Savings	Excess	Remarks
			Qty	Rate	Amount		QTY	Rate	Amount	QTY	Rate	Amount				
130	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies for operation on 230 Volts, 50 Cycles, Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system.(84/9.3)56" Sweep (1400mm) Regular model (Page No.22, Item No.6.3.2 of PWD Electrical SR 2021-22).	Each	28.00	2211.00	57486.00	28.00	28.00	2211.00	61908.00	0.00	2211.00	0.00	61908.00	0.00	4422.00	As per site condition
131	Supplying and fixing of Electronic Ballast suitable for T8 Lamp with housing made of Pre-coated steelVPC, Operating voltage range from 180V to 265V, 50Hz AC power Supply flicker free warm start with over voltage protection, Inrush current protection, De-activated lamp protection & End of Lamp life protection with PF> 0.95 & THDe(%) <15 deC, Operating voltage range from 180V to 265V	Each	20.00	737.97	14759.40	0.00	0.00	737.97	0.00	0.00	737.97	0.00	0.00	14759.40	0.00	As per site condition
132	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps. 14.7.1 On wall / ceiling / Rafter / Girders (Page No.45, Item No.13.7.1 of PWD Electrical SR 2021-22)	Each	30.00	120.00	3600.00	66.00	37.50	120.00	4500.00	28.50	121.38	3459.33	7959.33	0.00	4359.33	As per site condition
	EIRL															
E1	Fabricating, providing and erecting in position of MS Hot Dip Galvanised Sq. Hallow Poles of 132 X 132 Heavy gauge of length 3000mm with MS Hot dip Galvanised grill work as per approved design and drawing of chief architect. Using 12 X 75mm galvanised flat for ainound frame and 20 X 20mm galvanised forged design with square for vertical at 150mm c/c as shown in the drawing including providing forged ornamental arrowhead at top and bottom. The work is inclusive of throughing flat, square rods, placing welding all the joints, including grinding, finishing 2 coats of anticorrosive paint over one coat of metal primer. The rate is inclusive of all materials like MS. Hollow galvanized pipe, flats, forged square rods, cost of labour for all items of work cost painting, welding, cutting, grinding with all lead and lift as per specification including loading and unloading with cost and conveyance of all materials, labour, machinery andincidental charges for the successful completion of the work as per the	Sqm								49.64	15942.60	791390.66	791390.66		791390.66	As per site condition
E2	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. Issue Rate On 04.01.2023	Sqm								885.23	1190.44	1053809.02	1053809.02		1053809.02	As per site condition
E3	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer including cost of materials ,labour, usage charges of machinery complete as per specifications and as per directions of the Engineer in Charge.(Nb 11.3)	Sqm								9.20	7363.69	67745.91	67745.91		67745.91	As per site condition
E4	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer G.I. pipes including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer in Charge.(11.26.2)	KG								400.00	164.93	65973.60	65973.60		65973.60	As per site condition

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	Description	Unit	Qty as per Schedule-B			Total Qty as per Executed	Qty upto 125%			Qty above 125%			Total Amount as per Executed	Savings	Excess	Remarks
			Qty	Rate	Amount		QTY	Rate	Amount	QTY	Rate	Amount				
E5	Construction of Embankment by excavating the available approved Gravel/Murrum deposited at a place or borrow pits during or prior excavation with all lifts and lead, transportation to site, spreading, grading to required slope and compacting to meet the requirement complete as per specifications, including cost of labour,rolling,water,all materials,usage& all other appurtenaces required to complete the work	Cum								600.00	451.04	270626.40	270626.40		270626.40	As per LS condition
E6	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity andappropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments	Cum								67.50	7306.46	493186.32	493186.32		493186.32	As per LS condition
	Total Construtions Cost				59313878.00				54996447.81			4312526.17	59311973.98	7629891.03	7633698.82	

SANCTIONED ESTIMATE AMOUNT	70000000
SANCTIONED TENDER AMOUNT	59313878.00
WORK SLIP AMOUNT	4880358.61
% OF WORK SLIP COMP TO SANCTIONED TENDER COST	8.23
EIRL AMOUNT	2742735.00
% OF EIRL COMP TO SANCTIONED TENDER COST	4.62
SAVINGS	1904.02
Total % Savings to the Tendered Amount	0
EXCESS AMT TO AGREEMENT COST	0.00
% OF EXCESS AMT COMP TO SANCTIONED TENDER COST	0.00

Assistant Engineer

Executive Engineer

Executive Engineer
Yelahanka Division

Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

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